2023-2024

PROJECTS MANAGEMENTS CONSULTANCY REPORT

Client: Executive Engineer, Yelahanka Project Division, BBMP, Bangalore.

Agency: Sri Shankrappa T K[MESPC Infra Projects Private Limited], Contractor, Bangalore.

Name of Work : Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency, BBMP, Bangalore.

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An ISO 9001: 2015 Certified Company

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2023-2024

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(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company

NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Name of Work : Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency, BBMP, Bangalore.

Name of Client	: :	**Executive Engineer,** Yelahanka Project Division, BBMP, Bangalore.
Contractor/Agency	: :	**Sri Shankrappa T K[MESPC Infra Projects Private Limited], Contractor, Bangalore.**
Bill Amount	: :	Rs.135.60 Lakhs
Date of Inspection	: :	26.12.2023
Status of Bill	: :	2nd & Final Bill
In the Presence of	: :	**Assistant Engineer ,** Yelahanka Project Division,BBMP, Bangalore.
	: :	(b) **Mr. Prajwal ,** Engineer M/s. Civil Aim Consultants and Engineers, Bangalore.

Sl.No	Description of the Item	Unit	Qty	Comments / observations
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	83.75	Work done up to the billed quantity and Quality is satisfactory
	Above 125%	Cum	227.77	Work done up to the billed quantity and Quality is satisfactory

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Executive Engineer

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2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	3.75	Work done up to the billed quantity and Quality is satisfactory
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix M15 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	13.75	Work done up to the billed quantity and Quality is satisfactory
	Above 125%	Cum	161.72	Work done up to the billed quantity and Quality is satisfactory
4	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications	Cum	14.06	Work done up to the billed quantity and Quality is satisfactory
	Above 125%	Cum	155.91	Work done up to the billed quantity and Quality is satisfactory

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5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour	Cum	8.49	Work done up to the billed quantity and Quality is satisfactory
	Above 125%	Cum	601.25	Work done up to the billed quantity and Quality is satisfactory
6	Conveying the excavated earth, debris etc., with all lead and lifts Including loading and unloading chargesetc., complete as per the direction of Engineer incharge.	Cum	92.41	Work done up to the billed quantity and Quality is satisfactory
	Above 125%	Cum	161.10	Work done up to the billed quantity and Quality is satisfactory
7	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	50.76	Work done up to the billed quantity and Quality is satisfactory
8	KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars,post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications	Sqm	11.20	Work done up to the billed quantity and Quality is satisfactory

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9	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls,	Cum	55.03	Work done up to the billed quantity and Quality is satisfactory
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification	Tonne	2.54	Work done up to the billed quantity and Quality is satisfactory

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11	PROVIDING, SUPPLYING, INSTALLATION, TESTING AND COMMISSIONING OF 9 MTS LED ART TOWER LIGHTING (1 UNIT) with custom design of Design supply erection and commissioning of burgeon shaped tree. a) Fabrication of external dimension of structure is dia 4472mm at ground dia 9634mm at top height 9075mm from ground. b) The structure has total of 10 no. Of horizontal support 7 nos of 4472mm dia,1nos Of 6193 mm dia, 1nos Of 7914 mm dia, 1no Of 9634mm dia c) Horizontal anular rings are made up of 25mm od 2mm thick MS tubes rolled into arc with CNC machine for accurate and repeatable shapes. d) The structure has 18 to 20 no. Of vertical supports around the vertical rings equi spaced made up or 25mm od MS tube 2mm thick and bent	Nos	1.00	Work done up to the billed quantity and Quality is satisfactory
E1	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	30.60	Work done up to the billed quantity and Quality is satisfactory
E2	Providing and laying flooring and steps fine dressed granite stone slabs 40 mm thick on cement mortar bed 1:6, 25 mm thick, and pointed with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications	Sqm	28.14	Work done up to the billed quantity and Quality is satisfactory

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E3	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work..	Cum	337.53	Work done up to the billed quantity and Quality is satisfactory
E4	Providing and fixing of Ornamental Granite Pillar of overall height of 800mm 200x200sqmm, Octagonal to a height of 820mm and carving design at bottom as shown in drawing .and 280mm respectively as per the approved Design and drawing including quarry cutting to the required size and transporting the same from quarry to work spot\ including loading and un loading with all lead and lift etc. complete as per design and drawing. The work shall be carried out as per design and drawing. Firmly fixed to the ground by means of properly designed foundation of size 300mm x 300mm x 300mm in 1:1.5:3 ratio cement concrete The work shall be carried out as per the engineers in charge of the work etc. and completion of the work as per directions of the Engineer-in-charge of the work.	Nos	32.00	Work done up to the billed quantity and Quality is satisfactory

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E5	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixingaccessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usagecharges of machinery complete as per specifications and as per directions of the Engineer-in-Charge..(V-II, P.No.83, I.No.11.28 of PW, PWD SR 2021-22)	Kg	1392.78	Work done up to the billed quantity and Quality is satisfactory
E6	1.1kV LT, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath armoured UG LT cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness in average ± 5% and resistivity 14 Ohms/Kms (Max) as per IS-3975	Km	0.51	Work done up to the billed quantity and Quality is satisfactory

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E7	Sprinkler System:Providing and Fixing Sprinkler System with in the site by Using 25mm/10kg, 40mm/6kg good quality PVC pipes, ISI marked sprinklers, Control valves and Fitting etc., Including excavation and backfilling trenches (Excluding of Providing borewell, Electrification & pump) As per the specification and direction of the Concerned officer, Rates may be quoted asper data rate Specific to the field condition.	Each	6.00	Work done up to the billed quantity and Quality is satisfactory
E8	Development of Lawn:Cleaning the site by Scraping and removing Top layer of Soil,Removing Unwanted Debris,Grass Along With Excavted Earth To A Distance Of 500m From The Spot Including Lead,Lift Loading And Unloading Charges[1*1*0.15m]	Sqm	129.39	Work done up to the billed quantity and Quality is satisfactory
E9	1st Digging For Lawn: Earthwork Digging Including Removing Weeds, Debris, If Any and Breaking of Clumps Watering Etc To a Depth Of	Sqm	129.39	Work done up to the billed quantity and Quality is satisfactory
E10	Soil Filling For Lawn: Supply And Stocking Good Quality Red Earth Etc For Filling The Top Layer To a Depth of 0.15m [1*1*0.15]	Sqm	129.39	Work done up to the billed quantity and Quality is satisfactory
E11	Soil Filling For Lawn: Supply And Stocking Good Quality Red Earth Etc For Filling The Top Layer To a Depth of 0.15m [1*1*0.15]	Sqm	129.39	Work done up to the billed quantity and Quality is satisfactory
E12	Soil Filling For Lawn: Providing Sand,FYM And Red Earth in the Ratio of 1:3:6 And Spreading To a Depth of 7.5cm At the Required Site	Sqm	129.39	Work done up to the billed quantity and Quality is satisfactory
E13	Supply Of Lawn Grass: Laying of barbada gross over newly laid red earth surface with all lead and lift and directions of the Engineer-In-charge of the work.	Sqm	129.39	Work done up to the billed quantity and Quality is satisfactory

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E14	Crawler mounted Crane 35 t capacity	Hr	72.00	Work done up to the billed quantity and Quality is satisfactory
E15	Supply And Fixing Of BBMP Logo Of 40" Height And 24" Width Made Of Stainless Steel Plate With Buffed And Mirror Finish 2mm Coating it With Titanium Nitride For Gold Colour Including With All Lead And Lift And Completion Of The Work As Per Direction Of Engineer in Charge Of The Work.	Nos	4.00	Work done up to the billed quantity and Quality is satisfactory
E16	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work	Cum	342.42	Work done up to the billed quantity and Quality is satisfactory

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E17	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges) (Approved Rate)	Nos	933.00	Work done up to the billed quantity and Quality is satisfactory
E18	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	147.00	Work done up to the billed quantity and Quality is satisfactory

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